

REMARKS

The application has been amended and is believed to be in condition for allowance.

There are no outstanding formal matters.

The Official Action rejects claims 1-12 under 35 USC 102(e) as being anticipated by SLATTER et al. (US 6,567,126).

In response, claim 1 has been amended to more particularly recite the present invention and is believed to be patentable for the reasons noted below. The amendment finds support in claim 3 as filed, the Figures, and the specification at page 5, lines 10-14, page 9, lines 5-6, page 10, lines 18-19, page 11, lines 1-7 and lines 12-13, page 12, lines 12-19, and page 13, lines 4-6 and lines 21-25.

Claims 3 and 8 have been cancelled without prejudice.

Claim 4, as amended, and claims 2, 5-7, and 9-12 are believed to be patentable as ultimately depending from claim 1.

New independent claim 13 has been added to further claim the invention, finding support in the specification and the Figures and introducing no new matter.

Claim 1, as amended, recites an image signal processor, connected to an image capture means to receive the moving image signal, and adapted to generate a corrected moving image signal as output by removing distortions in the moving image signal. In particular, the image signal processor itself produces the corrected moving image signal as its output, and the corrected

moving image signal is distinct from the moving image signal generated by the image capture means. As claimed, the image signal processor generates the corrected moving image signal as output by operating on the moving image signal of the image capture means.

In contrast, the SLATTER microprocessor does not generate a corrected moving image signal as output, as is claimed in claim 1. The microprocessor in SLATTER generates a "feedback" correction signal as output directed to the image capture means. SLATTER describes a microprocessor connected to an image capture means for controlling a movement means for adjusting the relative orientations of a detector array and an optical system (col. 2, lines 55-65, col. 3, lines 41-47, col. 4, lines 41-44). The output generated by the SLATTER microprocessor, as illustrated in Figure 3, are movement signals via "output lines 40,41,42 used to drive the detector actuators 32,33 and lens focus actuator 44" (col. 7, lines 12-15), to move the lenses 21 and the detector array 34; the output is not an image signal already corrected for distortion as claimed by the applicant.

The SLATTER apparatus must mechanically move its lenses and detector array before its moving image signal is corrected, whereas in the instant invention in claim 1, distortion is removed by the image signal processor itself. In other words, the SLATTER microprocessor is adapted to manipulate a mechanical apparatus to achieve the same result the image signal processor

claimed in claim 1 accomplishes alone. Therefore, it is respectfully submitted that the structure and function of the image signal processor in claim 1 are not anticipated by the microprocessor of SLATTER.

Furthermore, the corrected moving image signal of SLATTER is not distinct from the moving image signal generated by the detector array as claimed in claim 1. The distortion-corrected moving image signal in SLATTER is the result of the detector array and optical system having been mechanically actuated until the image generated by the detector array is no longer distorted (see col. 3, lines 13-17, col. 5, lines 26-67, and col. 8, lines 1-6). In other words, there is only one moving image signal in the SLATTER apparatus, generated exclusively by the detector array. This arrangement is structurally and functionally different from the distinct moving image signals claimed in claim 1 of the instant invention, wherein the corrected moving image signal is generated by the image signal processor and not the image capture means.

In view of the foregoing, it is respectfully submitted that claim 1, as amended, is not anticipated nor rendered obvious by SLATTER and is therefore patentable.

From the foregoing, it will be apparent that applicant has fully responded to the April 30, 2007 Official Action and that the claims as presented are patentable. In view of this,

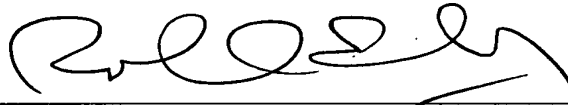
applicant respectfully requests reconsideration of the claims, as presented, and their early passage to issue.

In order to expedite the prosecution of this case, it is requested that the Examiner telephone the attorney for applicant at the number set forth below if the Examiner is of the opinion that further discussion of this case is necessary.

The Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 25-0120 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17.

Respectfully submitted,

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